

BC Bond 100

Dry Set Mortar

Description:-

BC BOND100 is a cementitious powder.

Features & Advantages:

It can be applied directly over substrate in
a single layer ranging in thickness from 2-6 mm
Good open time. Excellent slip resistance Minimum shrinkage High bond strength

Basic Uses:

BC BOND100 is used for the permanent installation of ceramic, mosaic, quarry, terrazzo and cement tiles to masonry, cementitious substrates and dry walls.

Specification:

BC BOND100 is manufactured to comply with ANSI IA 118.1.1976 and B.S. 5980 - 1980.
Type1

Class AA

Preparation:

Surface Preparation - Substrate surface must be sound and thoroughly cleaned. It should be free of oil, wax, dust etc. All loose particles, old wall paper, paint etc. should be physically removed.

Surfaces:

BC BOND100 can be applied directly on cement screeds, concrete or cement mortars. BC BOND100 should not be placed directly over Gypsum or Gypsum boards.

Mixing:

Mix three parts BC BOND100 to 1 part water by volume (4.4 to 4.8 liter water for each 20 kg bag of BC BOND100). Mix thoroughly with a slow speed drill or with a paddle to get a uniform lump free consistency. Allow the material to stand for 3 - 5 minutes after which it should be re-mixed prior to application.

During hot weather, use cold water to increase the open time.





Application:

For ceramic tiles apply BC BOND100 using a flat trowel at a thickness of 3mm and comb with a notched trowel. Apply the tiles immediately. Back butter large tiles and apply with a sliding motion. Straighten the tiles immediately to avoid breaking the bond. For quarry and cement floor tiles, spread the required setting bed in the conventional manner to get 2 - 3 mm thickness, apply the tiles immediately and hammer gently with a soft mallet to assume a better bond. Apply only to areas which can be tiled in the adhesive's open wet time, normally upto 1m² at a time.

Finishing:

Remove the excess BC BOND100 with a damp cloth before material set and grout the joints with Tile Grout after 24 hours.

Precautions/Limitation:

BC BOND100 is cement based and the inhalation of dust and contact with eyes should be avoided

Coverage:

20kg bag BC BOND100 will cover approx. 4.2 - 6.2m² at a thickness of 2-3 mm. The coverage depends on the conditions of the substrate and the type of tiles.

Packaging:

BC BOND100 is supplied in 20 kg and in 25 kg bags.

Color:

Available in Grey and White Colors.

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

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